

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,940,916

Page 1 of 3

APPLICATION NO. : 09/771,144

ISSUE DATE : September 6, 2005

INVENTOR(S) : Warner et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 2, line 8, please delete "J Roome," and insert - - J. Roome, - -, therefor.

At column 2, line 13, please delete "48," and insert - - 46, - -, therefor.

At column 5, line 32, please delete "x(t)y(t):" and insert - - $x(t) \otimes y(t)$: - -, therefor.

At column 5, line 32, please delete "“”" and insert - - "⊗" - -, therefor.

At column 15, line 5-11, please delete

" $z(t)=x(t)[ham(t)hcm(t)+hbm(t)+x^*(t)[ham(t)hdm(t)+hbm(t)hcm^*(t)]$ " and insert
- - $z(t)=x(t) [ham(t) hcm(t) + hbm(t) hdm^*(t)] + x^*(t) [ham(t) hdm(t) + hbm(t) hcm^*(t)]$ - -,
therefor.

At column 15, line 20, please delete "ham(t)hdm(t)+hbm(t)hcm^*(t)=0" and insert

- - $ham(t) hdm(t) + hbm(t) hcm^*(t)=0$ - -, therefor.

At column 15, line 34, please delete "ham(t)hcm(t)+hbm(t)hdm^*(t)=δ(t)" and insert

- - $ham(t) hcm(t) + hbm(t) hdm^*(t)=δ(t)$ - -, therefor.

At column 15, line 55-64, please delete

$H_{cm}(\omega)+H_{bm}(\omega) \cdot H_{dm}^*$
($-\omega$) + $X^*(-\omega) \cdot [H_{am}$
 $(\omega) \cdot H_{dm}(\omega) + H_{bm}(\omega) \cdot$
" $H_{cm}^*(-\omega)]$ " and insert - -
 $Z(\omega)=X(\omega) \cdot [H_{am}(\omega) \cdot H_{dm}(\omega) + H_{bm}(\omega) \cdot H_{dm}^*(-\omega)]$
 $+ X^*(-\omega) \cdot [H_{am}(\omega) \cdot H_{dm}(\omega) + H_{bm}(\omega) \cdot H_{dm}^*(-\omega)]$ - -, therefor.

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Page 2 of 3

At column 19, line 22-32, please delete

$$z(t) = x(t)[h_{ad}(t)h_{cd}(t) + h_{bd}^*(t)h_{cd}(t) + x^*(t)[h_{ad}^*(t)h_{dd}(t) + h_{bd}(t)h_{cd}(t)]]$$
 and insert - -

$$z(t) = x(t) \otimes [h_{ad}(t) \otimes h_{cd}(t) + h_{bd}^*(t) \otimes h_{dd}(t)]$$

$$+ x^*(t)[h_{ad}^*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t)]$$
 - -, therefor.

At column 19, line 40, please delete

$$.. h_{ad}^*(t)h_{dd}(t) + h_{bd}(t)h_{cd}(t) = 0$$
 and insert
- -
$$h_{ad}^*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t) = 0$$
 - -, therefor.

At column 19, line 55-56, please delete

$$.. h_{ad}(t)h_{cd}(t) + h_{bd}^*(t)h_{dd}(t) = \delta(t)$$
 Eq. 10 and insert
- -
$$h_{ad}(t) \otimes h_{cd}(t) + h_{bd}^*(t) \otimes h_{dd}(t) = \delta(t)$$
 Eq. 10 - -, therefor.

At column 22, line 38, please delete "1114." and insert - - 114. - -, therefor.

At column 23, line 14, please delete "116" and insert - - 116, - -, therefor.

At column 27, line 63, please delete "1910" and insert - - 1910, - -, therefor.

At column 28, line 62-63, please delete "
$$h_{iqd}(t) = \text{Im}[h_{cd}(t) + h_{dd}(t)]$$
" and insert
- -
$$h_{iqd}(t) = \text{Im}[h_{cd}(t) + h_{dd}(t)] = 0$$
 - -, therefor.

At column 30, line 40, in Claim 2, please delete "sunning" and insert - - summing - -, therefore

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Page 3 of 3

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At column 30, line 66, in Claim 3, please delete "quadrature phase" and insert - - quadrature-phase - -, therefor.

At column 32, line 17, in Claim 8, please delete "sunning" and insert - - summing - -, therefor.

At column 33, line 42, in Claim 16, please delete "signal" and insert - - signal, - -, therefor.

At column 34, line 2, in Claim 23, please delete "filter" and insert - - further - -, therefor.

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